

PATENT

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12/10/01 *Christie Burgin-Costello*
Date: By:



24296

PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Gullichsen et al.
Assignee: Be Here Corporation
Title: Wide-Angle Image Dewarping Method and Apparatus
Serial No.: Not assigned Filed: Filed herewith
Examiner: Not assigned Group Art Unit: Not Assigned
Attorney Docket No.: P008C3 P008C3
Cupertino, California
Date: December 6, 2001

BOX PATENT APPLICATION
COMMISSIONER FOR PATENTS
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Please enter the following amendments:

In the Specification:

Amend the specification as follows:

Page 1, line 1, insert the following as a separate paragraph:

PATENT

-- This is a continuation of copending application 09/429,697, filed 10/28/1999, now United States Patent _____ which is a continuation of prior application serial no. 09/128,963, filed August 4, 1998, United States Patent No. 6,005,611, and which was a continuation of application serial no 08/250,594 filed May 27, 1994, United States Patent No. 5,796,426, incorporated herein by reference.--

Replace equation (4) on page 12 with:

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$$\begin{bmatrix} u_1 \\ u_2 \\ u_3 \\ u_4 \\ u_5 \\ u_6 \\ u_7 \\ u_8 \\ u_9 \end{bmatrix} = \begin{bmatrix} 1 & x_1 & y_1 & x_1 y_1 & x_1^2 & y_1^2 \\ 1 & x_2 & y_2 & x_2 y_2 & x_2^2 & y_2^2 \\ 1 & x_3 & y_3 & x_3 y_3 & x_3^2 & y_3^2 \\ 1 & x_4 & y_4 & x_4 y_4 & x_4^2 & y_4^2 \\ 1 & x_5 & y_5 & x_5 y_5 & x_5^2 & y_5^2 \\ 1 & x_6 & y_6 & x_6 y_6 & x_6^2 & y_6^2 \\ 1 & x_7 & y_7 & x_7 y_7 & x_7^2 & y_7^2 \\ 1 & x_8 & y_8 & x_8 y_8 & x_8^2 & y_8^2 \\ 1 & x_9 & y_9 & x_9 y_9 & x_9^2 & y_9^2 \end{bmatrix} \begin{bmatrix} a_{00} \\ a_{10} \\ a_{01} \\ a_{11} \\ a_{20} \\ a_{02} \end{bmatrix} \quad (4)$$

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REMARKS

Included herewith is revocation of Power of Attorney, a new grant of Power of Attorney, and a certificate under 37 CFR 3.73(b).

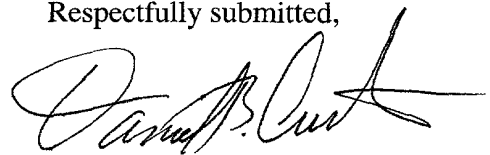
The included Application Data Sheet includes the same information as on the included copy of the original declaration, but with updated continuity information.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "**Version with markings to show changes made.**"

Page 19 is a copy of original 19 but without the originally filed claims. The new claims for this continuation start on page 20. The same abstract as was originally filed is now on page 26.

If I can be of any additional assistance, please do not hesitate to contact me at (408) 873-4927.

Respectfully submitted,



Daniel B. Curtis
Attorney for Applicants
Reg. No. 39,159

Version with markings to show changes made

$$\begin{bmatrix} u_1 \\ u_2 \\ u_3 \\ u_4 \\ u_5 \\ u_6 \\ u_7 \\ u_8 \\ u_9 \end{bmatrix} = \begin{bmatrix} 1 & x_1 & y_1 & x_1 y_1 & x_1^2 \cancel{y_1^2} \\ 1 & x_2 & y_2 & x_2 y_2 & x_2^2 \cancel{y_2^2} \\ 1 & x_3 & y_3 & x_3 y_3 & x_3^2 \cancel{y_3^2} \\ 1 & x_4 & y_4 & x_4 y_4 & x_4^2 \cancel{y_4^2} \\ 1 & x_5 & y_5 & x_5 y_5 & x_5^2 \cancel{y_5^2} \\ 1 & x_6 & y_6 & x_6 y_6 & x_6^2 \cancel{y_6^2} \\ 1 & x_7 & y_7 & x_7 y_7 & x_7^2 \cancel{y_7^2} \\ 1 & x_8 & y_8 & x_8 y_8 & x_8^2 \cancel{y_8^2} \\ 1 & x_9 & y_9 & x_9 y_9 & x_9^2 \cancel{y_9^2} \end{bmatrix} \begin{bmatrix} a_{00} \\ a_{10} \\ a_{01} \\ a_{11} \\ a_{20} \\ a_{02} \end{bmatrix} \quad (4)$$